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Sheet 1 of 1

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|------------------------|------------------|
| Application Number     | 10/046,011       |
| Filing Date            | January 11, 2002 |
| First Named Inventor   | John Swoyer      |
| Group Art Unit         | 3762             |
| Examiner Name          | Not assigned yet |
| Attorney Docket Number | P-9868.00        |

| <b>U.S. PATENT DOCUMENTS</b> |                       |                      |                                   |   |  |   |
|------------------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials*           | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                              |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
| M                            | 3472234               |                      |                                   | Tachick   | 10/14/69   |   |
|                              | 3737579               |                      |                                   | Bolduc  | 6/5/73   |   |
|                              | 3866615               |                      |                                   | Hewson  | 2/18/75  |   |
|                              | 3333045               |                      |                                   | Fisher et al.                                   | 7/25/67  |   |
|                              | 4000745               |                      |                                   | Goldberg  | 1/4/77   |   |
|                              | 4010758               |                      |                                   | Rockland et al.                                 | 3/8/77   |   |
|                              | 4235246               |                      |                                   | Weiss   | 11/25/80   | AUG 05 2003   |
|                              | 4313448               |                      |                                   | Stokes  | 2/2/82   | RECEIVED  |
|                              | 4357946               |                      |                                   | Dutcher   | 11/9/82  | TECHNOLOGY CENTER R3700   |
|                              | 4424818               |                      |                                   | Doring  | 1/10/84  |   |
|                              | 4177818               |                      |                                   | De Pedro  | 12/11/79   |   |
|                              | 4452254               |                      |                                   | Goldberg et al.                                 | 6/5/84   |   |
|                              | 5423872               |                      |                                   | Cigaina   | 6/13/95  |   |
|                              | 5328442               |                      |                                   | Levine  | 6/12/94  |   |
|                              | 5425751               |                      |                                   | Bacten et al.                                   | 607/28   |   |
|                              | 5489294               |                      |                                   | McVenes et al.                                  | 607/120  |   |
|                              | 5716392               |                      |                                   | Bourgeois et al.                                | 607/132  |   |
|                              | 5837006               |                      |                                   | Ocel et al.                                     | 607/127  |   |
| W                            | 5861014               |                      |                                   | Familoni  | 607/40   |   |

| <b>FOREIGN PATENT DOCUMENTS</b> |                       |                         |                     |   |  |   |                |  |
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| Examiner Initials*              | Cite No. <sup>1</sup> | Foreign Patent Document |                     | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>4</sup> |  |
|                                 |                       | Office <sup>3</sup>     | Number <sup>4</sup> |   |  |   |                |  |
| M                               |                       | GB                      | 1277107             |   | 6/7/72   |   |                |  |
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| Examiner Signature | B. Manuel | Date Considered | 4/17/04 |
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